



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

u

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/532,646	12/05/2005	Nicolas Goujon	14.0211-PCT-US	5778
7590	11/27/2007			
Western Geco Intellectual Property Department PO Box 2469 Houston, TX 77252-2469			EXAMINER HUGHES, SCOTT A	
			ART UNIT 3663	PAPER NUMBER
			MAIL DATE 11/27/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### DETAILED ACTION

The reply filed on 9/18/2007 is not fully responsive to the prior Office Action because of the following omission(s) or matter(s): Applicant does not make a proper election of species in the election sent 9/18/2007. Because the above-mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. **EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).**

In response to the requirement for an election A of a single species, applicant has identified the species as the permutations of a geophone, an accelerometer, a hydrophone, a tilt meter, and a magnetometer. Applicant then then elects the species in which the housing includes a tilt meter. Applicant states that claim 2 reads on this elected species, as well as the other species in the election requirement A. Although applicant made this election, applicant also amended the independent claims to include a limitation that a geophone is housed in the sensor module. Applicant did not elect a species in A that included a geophone, and therefore applicant's election is not commensurate in scope with what applicant has claimed. Applicant's election of species in A does not include any of the claims currently pending, and therefore the election is not fully responsive. Applicant's statement that claim 2 reads on the elected species is not fully responsive because claim 2 includes the limitations of claim 1, and

Application/Control Number:  
10/532,646  
Art Unit: 3663

Page 3

therefore includes a geophone in the sensor housing. Because the geophone is not part of applicant's election, the election of tilt meter for species A is not fully responsive.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Scott A. Hughes whose telephone number is 571-272-6983. The examiner can normally be reached on M-F 9:00am to 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Keith can be reached on (571) 272-6878. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



SAH



JACK KEITH  
SUPERVISORY PATENT EXAMINER